## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION            | INITIALS | ID NO. | DATE    |
|---------------------|----------|--------|---------|
| FEE DETERMINATION   | PM       | 67814  | (1/5/5X |
| O.I.P.E. CLASSIFIER |          |        | 76898   |
| FORMALITY REVIEW    | 50       | 59227  | 61698   |

## **INDEX OF CLAIMS**

| • | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
|   | Allowed                    | - 1 | Interference |
| _ | (Through numeral) Canceled | Α   | Appeal       |
| ÷ | Restricted                 | 0   | Objected     |

|          |      |             |           | + Nestricted U |                |          |          |          |          |          |            |   |               |          |         |                 |  |          |          |          |           |             |   |       |            |                   |          |          |          |          |                     |           |          |               |
|----------|------|-------------|-----------|----------------|----------------|----------|----------|----------|----------|----------|------------|---|---------------|----------|---------|-----------------|--|----------|----------|----------|-----------|-------------|---|-------|------------|-------------------|----------|----------|----------|----------|---------------------|-----------|----------|---------------|
| [0       | lai  | im          | Date      |                |                |          |          |          |          | 7        | Claim Date |   |               |          |         |                 |  |          |          | 7        | Cla       | ılm         |   |       | Date       |                   |          |          |          |          |                     |           |          |               |
| Г        | T    | al          | ングをナ      |                | n-             | •        |          |          |          |          |            | 7 |               |          | Т       |                 | Γ  |          |          |          |           | $\top$      | 1 |       |            | T                 |          |          |          |          | П                   | 7         | П        | _             |
|          | FINE | ngin        | 64        |                | 11-<br>49      |          |          |          |          |          |            | ŀ | Final         | Original |         |                 |  |          |          |          |           |             | 1 | Final | Original   |                   |          |          |          |          | 1                   | ı         |          |               |
| 10       |      | မှ          | 2         | $\vdash$       | $\perp$        | -        |          |          | _        | Щ        | Ц.         | 4 | ᄩ             | Ō        | $\perp$ | -               | _  | Н        | Ш        |          | 4         |             |   |       |            | 丄                 | L        |          |          |          | Ш                   | _         | _        |               |
| ⊢        | +    | 2           | +         | -              | 2 2            | $\dashv$ | -        | $\dashv$ |          |          | ,          | - | H             | 51<br>52 | +       | +               |  | -        | -        | $\dashv$ | -         | +           | - |       | 110        | +-                | L        |          |          |          |                     | _         | $\dashv$ | _             |
| <i>-</i> | 4    | 3           | +         | <del> </del>   | -              | $\dashv$ | -        | $\dashv$ | _        | -        | +          | ╣ | $\vdash$      | 53       |         | +               | $\vdash$   | -        | -        | $\dashv$ | $\dashv$  | -           | - |       | 112<br>113 | -                 | Н        |          |          |          | $\vdash$            | $\dashv$  | $\dashv$ | 4             |
| 1        | +    | 4           | +         | -              |                | _        | $\dashv$ | $\dashv$ |          | -        | +          | ┥ | $\vdash$      | 54       | +       | ╁               | $\vdash$   | H        | -        | $\dashv$ | +         |             | 1 | -     | 114        | -                 | Н        |          | _        |          | $\vdash$            | $\dashv$  | -+       | $\dashv$      |
| `        | 7    | 5           | +         | Н              | Ī              |          |          |          |          |          | $\top$     | 1 | $\vdash$      | 55       | +       | +               | $\vdash$   | Н        |          | $\dashv$ | +         |             | 1 | -     | 115        | $\vdash$          |          | H        |          |          | $\dashv$            | $\dashv$  | +        | -             |
|          | 7    | 6           | +         |                | ت              |          |          |          |          |          |            | 1 | $\vdash$      | 56       |         | 十               | $\vdash$   | П        |          | 7        | $\dashv$  | 一           | 1 | -     | 116        | t                 | Н        | Н        |          | _        | $\vdash$            | 寸         | $\dashv$ | $\dashv$      |
|          |      | 0           |           | 7              | ۵              |          |          |          |          |          |            |   |               | 57       |         |                 |  |          |          |          |           | I           | ] |       | 117        |                   | П        |          |          |          | 口                   | 7         | 寸        | $\overline{}$ |
|          | 4    | 8           | +         |                | 2              |          |          |          |          |          |            |   |               | 58       |         |                 |  |          |          |          | $\Box$    |             | ] |       | 118        |                   |          |          |          |          |                     |           | コ        | ٦             |
| <br>     | 4    | 9           | _         | /              | <u>-</u>       | _        | _        |          |          |          | 4          | 4 | $\vdash$      | 59       |         | ┸               | L  |          |          | _        | 1         | $\perp$     |   |       | 119        |                   |          |          |          |          |                     |           | $\Box$   |               |
| $\vdash$ |      | 10<br>11    | +         |                | 3              | -        | $\dashv$ |          |          |          | +          | - | $\vdash$      | 60<br>61 | -       | +               | _  | _        | $\dashv$ | 4        | 4         | +           | - |       | 110        | ╄                 | Ш        |          |          |          | Щ                   | _         | _        | _             |
| ļ        |      | 12          | 4         | <b>V</b>       | 11             | $\dashv$ | $\dashv$ | -        |          | Н        | +          | - | $\vdash$      | 62       | +       | +               | ┞  |          | -        | ᅪ        | +         | +           | - | -     | 111        | ┿                 | Н        |          |          | _        | $\vdash \downarrow$ | 4         | 4        | _             |
| -        |      | 13          | +         | <u>".</u>      | 2              | ┪        | -        |          |          | H        | +          | ┥ | -             | 63       | +       | +-              | $\vdash$   | Н        | $\dashv$ | +        | +         |             | 1 |       | 112<br>113 | +                 | $\vdash$ | _        | Н        |          | $\vdash$            |           | -        | 4             |
| +        |      | 14          | *         | ₩              |                | $\dashv$ | ┪        |          | Н        | Н        | +          | ┥ | Н             | 64       | +       | +               | -  | Н        | $\dashv$ | $\dashv$ | +         | +           | d | -     | 114        | ╁╾                | $\vdash$ |          | -        |          | ⊢┼                  | ┥         | $\dashv$ | -             |
| . /-     | _    | 15          | _         |                |                | $\dashv$ | $\dashv$ |          | _        | Н        | ╅          | ┥ | Н             | 65       | +       | +               |  |          | $\dashv$ | $\dashv$ | +         | +           | 1 |       | 115        | ╁╴                | Н        | $\vdash$ | -        |          | $\vdash$            | ᅱ         | -+       | -             |
| ·        | _    | 16          |           |                |                | ┪        | ┪        |          |          | т        | _          | ┪ | П             | 66       | +       | +               | $\vdash$   |          | $\dashv$ | $\dashv$ | 十         | +           | 1 |       | 116        | ╁╌                | Н        |          |          |          | $\dashv$            | $\dashv$  | -+       | -             |
|          | 1    | 17          |           |                | П              | 寸        | 7        | 一        |          |          | _          | 7 | П             | 67       | $\top$  | †               | Н  |          | _        | _        | +         | ,           | 1 |       | 117        | H                 | Н        |          |          |          | $\vdash$            | ᅥ         | $\dashv$ |               |
|          |      | 18          |           |                |                | 丁        |          |          |          |          |            |   | П             | 68       |         |                 | П  |          | ヿ        | $\dashv$ | 十         | $\top$      | 1 | H     | 118        | 1                 | Н        | Н        | _        | -        | $\sqcap$            | $\dashv$  | $\dashv$ | $\exists$     |
|          |      | 19          |           |                |                |          |          |          |          |          |            |   |               | 69       |         |                 | П  |          | コ        |          | コ         | $\top$      | 1 | П     | 119        |                   | П        |          |          |          |                     | T         | ヿ        | ╗             |
|          | ŀ    | 20          |           |                |                | П        |          |          |          |          |            | 7 |               | 70       |         |                 |  |          | $\neg$   |          | $\neg$    |             | 1 |       | 120        |                   | $\Box$   |          |          |          | $\neg$              | ヿ         | $\neg$   | ╗             |
|          |      | 21          |           |                |                | $\Box$   |          |          |          |          |            | ] |               | 71       | T       |                 |  |          |          |          |           |             | 1 | П     | 121        | Τ                 |          |          |          | _        | コ                   | _         | 十        | _             |
| L        |      | 22          |           |                |                | $\Box$   |          |          |          |          |            |   |               | 72       | I       |                 |  |          | $\Box$   |          | Π         |             |   |       | 122        |                   |          |          |          |          |                     | ╗         | コ        | _             |
| $\perp$  |      | 23          |           |                | _              | -1       | _        | _        |          |          | 4          | _ | Ш             | 73       |         | _               |  |          | _        |          | _         |             |   | 1 I   | 123        |                   |          |          |          |          |                     |           | $\Box$   |               |
| ⊢        | _    | 24          | _         |                | 4              | 4        | 4        |          | _        | Н        | 4          | 4 | Н             | 74       | $\bot$  | ╀               | Ш  | Щ        | _        |          | _         |             |   |       | 124        | L                 | Ш        |          |          |          |                     | $\Box$    | $\Box$   |               |
| <u> </u> |      | 25<br>26    | $\dashv$  |                | -              | -+       | -        | $\dashv$ |          | $\dashv$ | +          | 4 | -             | 75       | +-      | -               | Н  | $\dashv$ |          | -        | +         |             |   | _     | 125        | ╙                 | Ш        |          |          |          | Ш                   | _         | _        |               |
| -        |      | 27          | $\dashv$  |                | $\dashv$       | +        | $\dashv$ | $\dashv$ |          | $\vdash$ | $\dashv$   | 4 | Н             | 76<br>77 | +       | +               | $\vdash$   |          | -        | $\dashv$ | $\dashv$  |             | 4 |       | 126        | ـ                 | Н        | -        |          |          | $\dashv$            | 4         | 4        | _             |
| -        |      | 28          | $\dashv$  | $\dashv$       | $\dashv$       | $\dashv$ |          | -+       | $\dashv$ |          |            | ┥ | Н             | 78       | +       | +-              | Н  | $\dashv$ | $\dashv$ | -+       | +         | +           | 1 |       | 127<br>128 | <del>      </del> | Н        |          | $\vdash$ |          | $\dashv$            |           | 4        | -             |
| <b>-</b> |      | 29          | $\dashv$  | $\dashv$       | <del>- t</del> | +        | -        |          | -        | $\vdash$ | +          | ┨ |               | 79       | +       | ┿               | Н  | $\vdash$ | $\dashv$ | -+       | +         | +           | 1 |       | 129        | -                 | Н        |          | $\dashv$ | $\dashv$ | -                   | $\dashv$  | $\dashv$ | $\dashv$      |
| <u> </u> |      | 30          |           | $\dashv$       | _              | 7        | 7        |          |          | $\neg$   | +          | 1 | Н             | 70       | -       | +-              | <del>                                     </del> | $\vdash$ | 1        | $\dashv$ | +         | +           | 1 |       | 130        | -                 | $\vdash$ | _        |          | $\dashv$ | +                   | $\dashv$  | $\dashv$ | $\dashv$      |
|          |      | 31          | $\exists$ | 一              |                | 1        | 7        | 7        | ┪        |          | $\top$     | 1 | Н             | 81       | ┪-      | †-              | H  | $\dashv$ | _        | _        | $^{+}$    | <del></del> | 1 |       | 131        | <del>  -</del>    | $\vdash$ |          | $\dashv$ | -        | $\dashv$            | -+        | 十        | $\dashv$      |
|          | 1    | 32          |           |                |                | ヿ        |          |          | 一        |          |            | 7 |               | 82       | 1       | ╁╴              | П  |          | 寸        | $\dashv$ | 7         | +-          | 1 |       | 132        | $\Box$            |          |          | $\neg$   | 7        | _                   | $\dashv$  | +        | ㅓ             |
|          | _    | 33          |           |                |                |          |          |          |          |          | T          | ] |               | 83       |         | Τ               |  |          | T        | ヿ        | $\top$    | $\top$      | 1 |       | 133        |                   | П        |          |          | ╛        | $\neg$              | 寸         | $\dashv$ | ᅥ             |
| L        |      | 34          | _         |                | $\perp$        | $\perp$  | _        |          |          |          |            | ] | $\overline{}$ | 84       |         |                 |  |          |          |          |           |             |   |       | 134        |                   |          |          |          | $\neg$   |                     | ヿ         | ╅        | ٦             |
| $\vdash$ |      | 35          | _         |                | _              | $\dashv$ | 4        | _        | _        |          |            | _ | -             | 85       | $\perp$ | $oxed{igspace}$ | Щ  |          |          | _        |           | $\perp$     |   |       | 135        |                   |          |          |          |          |                     |           | $\Box$   |               |
| -        |      | 36          | _         | _              | _              | 4        | 4        | -        | _        | $\sqcup$ | 4-         | _ |               | 86       | $\perp$ | ╄-              | $\sqcup$   | _        | _        |          | 4         |             |   |       | 136        | L                 |          |          | $\dashv$ | _        | $\Box$              | $\Box$    | $\Box$   |               |
| $\vdash$ |      | 37<br>38    | $\dashv$  | -              |                | -        | 4        | $\dashv$ |          |          | +          | 4 | -             | 87       |         | ╀               | $\sqcup$   | $\dashv$ | $\dashv$ | $\dashv$ | 4         |             |   |       | 137        | <u> </u>          | Ц        |          | _        | _        | _                   | $\dashv$  | 4        |               |
| -        |      | 39          | $\dashv$  | $\dashv$       | $\dashv$       |          | -        | $\dashv$ | -        | -        | -          | 4 | $\vdash$      | 88<br>89 | -       | ╂-              | $\vdash \vdash$                                  | $\dashv$ |          | +        | +         |             | - |       | 38         | 1                 | $\Box$   | _        | _        |          | $\dashv$            | _         | _        | 4             |
| -        | -    | 40          | $\dashv$  | $\dashv$       | -              | -+       | -        | $\dashv$ | -+       |          | +          | - | _             | 90       | +       | ╀╌              | $\vdash$   | $\dashv$ |          | +        | +         |             |   | ▭     | 39         | $\vdash$          |          |          | $\dashv$ |          | +                   | -+        | 4        | 4             |
| -        |      | 41          | $\dashv$  | $\dashv$       | -+             | $\dashv$ | $\dashv$ | $\dashv$ |          |          | +          | - | $\vdash$      | 91       | +-      | +-              | $\vdash$   |          | -+       | $\dashv$ | +         | +-          |   |       | 40         | -                 | Н        |          |          |          | _                   | 4         | 4        | 4             |
| -        | _    | 12          | -         | -              | $\dashv$       | +        | -        | -        | -        | $\dashv$ | +          | - |               | 92       | +       | +               |  |          | -        | -        | +         |             | ł |       | 141        | Н                 |          | -        | 4        |          | $\dashv$            | 4         | 4        | ᆛ             |
| <u> </u> |      | 43          | $\dashv$  | $\dashv$       | -              | +        | $\dashv$ | $\dashv$ | -        |          | -          | + |               | 93       | +       | ╁╌              | $\vdash \vdash$                                  | $\dashv$ | $\dashv$ | +        | +         | +           | ł | Н     | 142        | Н                 | $\vdash$ | $\dashv$ | 4        |          | +                   | $\dashv$  | 4        | 4             |
| F        | -    | 44          | ᅱ         | ᅥ              | $\dashv$       | +        | ┪        | +        | $\dashv$ | -        | +          | - | _             | 94       | +       | +-              | $\vdash \vdash$                                  | $\dashv$ | $\dashv$ |          | +         | +           | ł | _     | 144        | Н                 | $\vdash$ | -        | $\dashv$ | $\dashv$ | +                   | +         | +        | -             |
| $\vdash$ |      | 45          | $\dashv$  | ᅱ              | $\dashv$       | +        | $\dashv$ | $\dashv$ | -        | $\dashv$ | +          | 1 | -             | 95       | +-      | ╁               | ⊢┤   | $\dashv$ | $\dashv$ | +        | +         | +           | ł |       | 45         | $\vdash$          | $\vdash$ |          | -        | $\dashv$ | +                   | +         | +        | -             |
|          | _    | 46          | ᅥ         | 7              | $\neg$         | $\dashv$ | 7        | _        | 7        | $\dashv$ | Ť          | 1 | _             | 96       | +       | T               | $\vdash$   | -        | $\dashv$ | $\dashv$ | +         | +           | 1 |       | 46         | $\vdash$          | $\vdash$ | -        | -        | $\dashv$ | $\dashv$            | +         | +        | -             |
|          | 4    | <b>\$</b> 7 | $\neg$    | 1              | $\dashv$       | $\top$   |          | $\dashv$ | $\dashv$ | $\dashv$ |            | 1 |               | 97       | $\top$  | †               | H  | $\dashv$ | +        | +        | $\dagger$ | +           | 1 |       | 147        | Н                 | $\vdash$ | $\neg$   | ᅥ        | +        | $\dashv$            | +         | +        | $\dashv$      |
|          | ľ    | 18          |           |                |                |          | J        |          |          |          |            |   |               | 98       | $\top$  |                 | H  |          | $\dashv$ | $\dashv$ | 十         | _           | 1 |       | 148        | m                 | H        | $\dashv$ | 7        | $\dashv$ | $\dashv$            | +         | +        | $\dashv$      |
|          |      | 49          |           |                |                |          | I        |          | I        |          | I          |   |               | 99       |         |                 |  |          |          |          | _         | I           | ] |       | 149        | П                 | П        | ┪        | $\dashv$ | 7        | 寸                   | $\dagger$ | $\top$   | ٦             |
| L        | ŀ    | 50          |           |                | _              |          | _        | _        |          | I        | -L         | _ | Ш             | 100      | L       |                 |  | $\Box$   | $\Box$   |          | floor     |             | ] |       | 150        |                   |          | $\Box$   |          | I        | $\sqsupset$         | I         | I        |               |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)